14 JUN 2005 301 0/538860 300 ATENT COOPERATION TREA Recid P& From the **TEXAMINING AUTHORITY** INTERNATIONAL PRELIMINA **PCT** LEANDRO ARECHEDERRA EXXONMOBIL CHEMICAL COMPANY LAW TECHNOLOGY WRITTEN OPINION PO BOX 2149 BAYTOWN, TX 77522-2149 (PCT Rule 66) Date of Mailing SEP 2004 (day/month/year) REPLY DUE Applicant's or agent's file reference within 2 months/days from the above date of mailing 2003B133C Priority date (day/month/year) International filing date (day/month/year) International application No. 20 December 2002 (20.12.2002) 19 December 2003 (19.12.2003) PCT/US03/40916 International Patent Classification (IPC) or both national classification and IPC IPC(7): C08F 236/02, 236/08 and US Cl.: 526/337, 339 Applicant EXXONMOBIL CHEMICAL PATENTS, INC. This written opinion is the first (first, etc.) drawn by this International Preliminary Examining Authority. This opinion contains indications relating to the following items: Basis of the opinion Priority Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Lack of unity of invention Reasoned statement under Rule 66.2 (a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI Certain documents cited Certain defects in the international application VII Certain observations on the international application VIII The applicant is hereby invited to reply to this opinion. See the time limit indicated above. The applicant may, before the expiration of that time limit, request When? this Authority to grant an extension. See rule 66.2(d). By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3. How? For the form and the language of the amendments, see Rules 66.8 and 66.9. For an additional opportunity to submit amendments, see Rule 66.4. Also For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4 bis. For an informal communication with the examiner, see Rule 66.6 If no reply is filed, the international preliminary examination report will be established on the basis of this opinion.

examination report must be established according to Rule 69.2 is: 20 April 2005 (20.04.2005) Name and mailing address of the IPEA/US Mail Stop PCT, Attn: IPEA/US Commissioner for Patents

P.O. Box 1450 Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

The final date by which the international preliminary

Authorized officer

Roberto Rábago

Telephone No. (703) 308-0661...

Form PCT/IPEA/408 (cover sheet)(July 1998ACKNOWLEDGED PATENT LEGAL ASSISTANT GROUP G. M. CARROLL

☐ Reminder

File

SEP 2 9 2004

EMCLT BAYTOWN

SEP 2 8 2004



Internat	application No.	
PCT/US	16	

I.	Basis of the opinion					
1.	With regard to the elements of the international application:*					
	the international application as originally filed					
	the description:					
	pages 1-107, as originally filed					
	pages NONE , filed with the demand pages NONE , filed with the letter of					
	pages NONE, filed with the letter of					
	the claims:					
	pages 108-127, as originally filed					
	pages NONE , as amended (together with any statement) under Article 19					
	pages NONE , filed with the demand pages NONE , filed with the letter of					
	pages NONE, filed with the letter of					
	the drawings:					
	pages 1-4, as originally filed					
	pages NONE, filed with the demand pages NONE, filed with the letter of					
	pages NONE, med with the retter of					
	the sequence listing part of the description:					
	pages NONE, as originally filed					
	pages NONE , filed with the demand					
	pages NONE , filed with the letter of					
2	With regard to the language, all the elements marked above were available or furnished to this Authority in the					
	language in which the international application was filed, unless otherwise indicated under this item.  These elements were available or furnished to this Authority in the following language which is					
	the language of a translation furnished for the purposes of international search (under Rule23.1(b)).					
	the language of publication of the international application (under Rule 48.3(b)).					
	the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).					
3	With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the written opinion was drawn on the basis of the sequence listing:					
	contained in the international application in printed form.					
1	filed together with the international application in computer readable form.					
	furnished subsequently to this Authority in written form.					
	furnished subsequently to this Authority in computer readable form.					
	The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.					
	The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.					
4	The state of the second st					
	the description, pages NONE					
	the claims, Nos. NONE					
1	the drawings, sheets/fig NONE					
5	beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).					
* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this opinion as "originally filed."						
	•					



International application No.
PCT/USO 116

V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement							
1. STATEMENT							
Novelty (N)	Claims	83-86, 90	YES				
Hovery (1)	Claims	1-82, 87-89, 91-95	NO				
Location Story (IS)	Claims	83-86, 90	YES				
Inventive Step (IS)		1-82, 87-89, 91-95	NO				
			YES				
Industrial Applicability (IA)	Claims		NO				
	Claims	NONE	``				
applicants' specification. Regarding the dependent of selections in both Welch '415 (col. 3, line 63 throug increased molecular weights are disclosed in Welch process components within the structure of product-be which would lead to a conclusion that these additions the claimed copolymers which would render such conclusions 83-86 and 90 meet the criteria set out in PCT halogenation of the disclosed copolymers or the make Claims 1-95 meet the criteria set out in PCT Article can be made or used in industry.	by-process class process compolymers out:  Article 33(2) cing of copoly  33(4), and the	innes; however, there is nothing in the specification in the scope of those disclosed in the applitude (3), because the prior art does not teach or mers of molecular weight in excess of 1,000 mers.	ication or the prior art ostantive differences in ed references.  r fairly suggest either 0,000.				
•							
	=		•				
1		·					
		•					

## WRITTEN OPINION



International application No. 40916

Supplemental Box (To be used when the space in any of the preceding boxes is not sufficient)

The time limit set for response to a Written Opinion may not be extended. 37 CFR 1.484(d). Any response received after the expiration of the time limit set in the Written Opinion will not be considered in preparing the International Preliminary Examination